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	isting of Cla			
į	This 1	isting of claims will repla	ce all prior versions, and listings, of claims	in the
ap	plications:			
	1-29.	Cancelled.		
	30. (P	reviously presented) An i	mproved apparatus for semiconductor processir	ig, the
igi	iprove <b>men</b> t	comprising a helical ribl	on electrode, wherein the helical ribbon ele	ctrode
Ġ	mprises a	compressed cylindrical he	lix having a plurality of flat concentric spira	coils
- 11	-		dielectric material, each said flat concentric spir	
i I	_		n-like form comprising a width and a thickness w	
- 11			thickness, the width lying in a plane that faces a	
- 11	-		coils, and the thickness corresponding to a plane	
su	bstantially p	arallel to a direction of stac	king of said plurality of flat concentric spiral coil	s.
	31-34	Cancelled.		
	3 <b>5.</b>	(Currently amended) The	apparatus of claim 32 An apparatus for semicon	ductor
þr	ocessing, th	e apparatus comprising:		
i	a proc	ess chamber:		
	<u>a solic</u>	state RF plasma generator	coupled to the process chamber to excite a proc	essing
ga	is and gener	ate a plasma;		
	a cont	roller coupled to the solid's	state RF plasma generator to pulse the solid state	e radio
fi	equency pla	sma generator for each depo	sited layer; and	
	a cyli	ndrical helical ribbon elec	trode coupled to an output of the solid state	radio
fire	equency pla	sma generator, the cylindric	al helical ribbon electrode further comprising:	
	a plura	ality of spirally-connected r	ibbon-shaped coils, each said coil having a width	and a
th	ickness:			
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!	the wi	oth substantially greater than the thickness and flat in a dimension facing and	her of
S	aid plurality	of spirally-connected ribbon-shaped coils; and	
į į	the thi	ckness is substantially perpendicular to the width,	
	wherei	in the cylindrical helical ribbon electrode is adapted to be placed within five	inches
0	f a sampl <u>e si</u>	tuated in the process chamber, and	
	where	in [[the]] a sheet of dielectric material separates adjacent said spirally-con	nected
I	bbon-shaped	coils so that, when compressed, the adjacent surfaces of the spirally-con	nected
17	bbon-shaped	coils do not touch.	
			·
i i	36.	(Previously presented) The apparatus of claim 35 wherein a width	of the
d	ielectric shee	et is greater than the width of the spirally-connected ribbon-shaped coils.	
	,		
į	27	C11-d	Ü
	37.	Cancelled.	
		· ·	
	38.	(Previously presented) An improved electrode for coupling to the output	it of a
g	enerator, the	improvement comprising a helical ribbon electrode further comprising:	
	а рішт	ality of substantially flat, concentric, spirally-connected coils, said coils ha	ving a
- 1	1	nickness, the width being in a dimension facing an adjacent coil, and the thi	
b	eing perpend	icular to the width, where the width is substantially greater than the thicknes	s; and
İ	a shee	of dielectric material between adjacent coils.	
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